

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 7

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Remarks	Medium
7	41971	5	N	ALLEN CREEK	XO13OJ	0	16N	02W	06	Ammonia-N	Water
Erickson, D. and Matthews, W., (2002), station BECM2.6T shows a total of 4 samples in years 1998, 1999, and 2000 exceeded the chronic criterion and a total of 1 sample in year 1998 exceeded the acute criterion.											
7	7260	5	Y	ALLEN CREEK	QC54KA	1.975	30N	05E	11	Dissolved oxygen	Water
Thornburg, 1996, 52% of samples collected between 1992 - 1995 show excursions beyond criterion at station ACLU.											
Johnson et al. 2001 show excursions beyond the criterion at station ACLU in 2000.											
7	7261	5	Y	ALLEN CREEK	YT94RF	1.692	30N	05E	28	Dissolved oxygen	Water
Snohomish County unpublished data from station ACLD (AT 4TH ST. IN MARYSVILLE) show excursions beyond the criterion from measurements collected 1998-2002.											
Johnson et al. 2001 show excursions beyond the criterion at station ACLD in 2000 and 2001.											
Cusimano (1997) station Snodry25 (Allen Creek (ALL20)) shows 3 excursions beyond the criterion measured on these dates: 93/08/16, 96/08/27, 96/08/28.											
Thornburg, 1996, 97% of samples collected between 1992 - 1995 show excursions beyond criterion at station ACLD.											
7	40742	5	N	ALLEN CREEK	QC54KA	1.975	30N	05E	11	Dissolved oxygen	Water
Snohomish County unpublished data from station ACLU (AT 67TH AVE NE AND 112TH ST NE.) show excursions beyond the criterion from measurements collected 1998-2002.											

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Remarks	Medium
				Basis								
7	35163	5	N	BEAR CREEK	PU11QS	3.676	28N	08E	23	Temperature		Water
<p>Port Blakely Tree Farms unpublished data from station BC4 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 19.95 degrees C from continuous measurements collected in 2002. Port Blakely Tree Farms unpublished data from station BC4 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 20.77 degrees C from continuous measurements collected in 2001. Port Blakely Tree Farms unpublished data from station BC4 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 21.06 degrees C from continuous measurements collected in 2000. Port Blakely Tree Farms unpublished data from station BC4 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 18.25 degrees C from continuous measurements collected in 1999.</p> <p>Port Blakely Tree Farms unpublished data from station BC4 (submitted by Blake Murden on 10 Decemeber 2002) shows no excursions beyond the criterion from measurements collected in 2001-2002.</p> <p>Port Blakely Tree Farms unpublished data from station BC5 (submitted by Blake Murden on 10 Decemeber 2002) shows no excursions beyond the criterion from measurements collected in 2001-2002.</p> <p>Port Blakely Tree Farms unpublished data from station BC5 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 23.3 degrees C from continuous measurements collected in 2002. Port Blakely Tree Farms unpublished data from station BC5 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 22.93 degrees C from continuous measurements collected in 2000. Port Blakely Tree Farms unpublished data from station BC5 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 20.28 degrees C from continuous measurements collected in 1999.</p>												
7	35165	5	N	BEAR CREEK	PU11QS	4.749	28N	08E	22	Temperature		Water
<p>Port Blakely Tree Farms unpublished data from station BC6* (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 25.33 degrees C from continuous measurements collected in 2002. Port Blakely Tree Farms unpublished data from station BC6* (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 24.9 degrees C from continuous measurements collected in 2001.</p> <p>Port Blakely Tree Farms unpublished data from station BC6 (submitted by Blake Murden on 10 Decemeber 2002) shows 1 excursion beyond the criterion from measurements collected in 2001.</p>												
7	35166	5	N	BEAVER CREEK	QQ44SO	0	28N	08E	24	Temperature		Water
<p>Port Blakely Tree Farms unpublished data from station BV1* (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 18.81 degrees C from continuous measurements collected in 2002.</p> <p>Port Blakely Tree Farms unpublished data from station BV1* (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 17.44 degrees C from continuous measurements collected in 2001.</p> <p>Port Blakely Tree Farms unpublished data from station BV1 (submitted by Blake Murden on 10 Decemeber 2002) shows no excursions beyond the criterion from measurements collected in 2001-2002.</p>												

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Medium	Remarks
7	6312	5	Y	<b>BLACKMANS LAKE</b> Completed Phase I State Clean Lakes Restoration Project in 1994 : KCM, 1994. , study documented high fecal coliform numbers.	010QMB	28N	06E	07	Fecal Coliform	Water	Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment. Although these data are more than 10 years old, there are no recent data to justify removing the listing. Excess waterfowl continue to be a problem in the lake and may be one source of high bacterial concentration.
7	6313	5	Y	<b>BLACKMANS LAKE</b> Completed Phase I State Clean Lakes Restoration Project in 1994.  KCM, 1994, study documented dense algal blooms, low dissolved oxygen in the hypolimnion, impaired fisheries and wildlife habitat, and high fecal coliform numbers. Storm water runoff contributes 55% of the phosphorus loading. Summertime, in-lake release of phosphorus from bottom sediments is a significant source. Watershed controls and in-lake alum treatments are recommended for a Phase II restoration project.  Sumioka and Dion (1985) show a summer epilimnetic total phosphorus concentration of 8 ug/L from samples collected in 1981 which does not exceed the water quality standards nutrient criterion for the Puget Lowlands Ecoregion.  Snohomish County unpublished data show summer mean epilimnetic total phosphorus did not exceed the water quality standards nutrient criterion from samples collected between 1996-2002.	010QMB	28N	06E	07	Total Phosphorus	Water	Snohomish County's 2003 State of the Lakes Report identifies the lake as "at risk" of impairment. Summer epilimnetic total phosphorus concentrations do not consistently exceed 20ug/l, however, TP levels are elevated in the hypolimnion. The lake suffers from nuisance algal blooms in response to elevated nutrient levels.
7	43225	5	N	<b>CALLIGAN LAKE</b> USEPA National Lake Fish Tissue Study shows an excursion beyond the National Toxics Rule criterion in Rainbow Trout composite samples collected on 07/17/2002 at location (Specific Location For Individual Fish Not Recorded).	838LCW	25N	09E	33	ALPHA-BHC	Tissue	
7	43233	5	N	<b>CALLIGAN LAKE</b> USEPA National Lake Fish Tissue Study shows an excursion beyond the National Toxics Rule criterion in Rainbow Trout composite samples collected on 07/17/2002 at location (Specific Location For Individual Fish Not Recorded).	838LCW	25N	09E	33	Dioxin	Tissue	
7	43251	5	N	<b>CALLIGAN LAKE</b> USEPA National Lake Fish Tissue Study shows an excursion beyond the National Toxics Rule criterion in Rainbow Trout composite samples collected on 07/17/2002 at location (Specific Location For Individual Fish Not Recorded).	838LCW	25N	09E	33	Total PCBs	Tissue	
7	7395	5	N	<b>CATHERINE CREEK</b> Snohomish County unpublished data from station CATH (AT MOUTH) show excursions beyond the criterion from measurements collected 1999-2001.  Cusimano (1997) station CCDN (CATHERINE CREEK (CCDN)) shows 0 excursions beyond the criterion out of 5 samples collected between 02/96 - 04/96.	OW89ST	0	29N	06E 16	Temperature	Water	Changed from Category 1 to Category 5 on 01/21/05 due to consolidation with Listing ID 40739 (cat 5). -kk

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Remarks	Medium
7	43094	5	N	<b>DOROTHY LAKE</b> USEPA National Lake Fish Tissue Study shows an excursion beyond the National Toxics Rule criterion in Brook Trout composite samples collected on 09/20/2000 at location (East Shore).	730XIF	24N	11E	11	Dioxin		Tissue
7	40625	5	Y	<b>EBEY SLOUGH</b> Cusimano (1997) station Snodry27 (Ebey Slough (EBE27)) shows 0 excursions beyond the criterion out of 4 samples collected between 02/96 - 04/96.  Two excursions beyond the criterion at Ecology ambient monitoring station PSS020 on 5/11/87 and 10/12/87.	PR16VH	0	30N	05E	32	pH	Water
7	7272	5	Y	<b>FRENCH CREEK</b> Thornburgh, et al. 1991. , 14 excursions beyond the criterion at RM 4.75, between 8/87 and 11/90.	XZ24XU	6.452	28N	06E	27	Dissolved oxygen	Water
7	7276	5	Y	<b>FRENCH CREEK</b> Thornburgh, et al. 1991. , 67 excursions beyond the criterion at RM 1.5 between 8/87 and 11/90.  Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07R050 (French Cr nr Mouth) shows 5 excursions beyond the criterion out of 6 samples collected between 1993 - 2001 measured on these dates: 95/10/16, 95/11/19, 95/12/17, 96/07/22, 96/09/16,	XZ24XU	1.974	28N	06E	29	Dissolved oxygen	Water
7	40743	5	N	<b>FRENCH CREEK</b> Snohomish County unpublished data from station FCLD (AT PRIVATE BRIDGE ON DARLINGTON FARM OFF OLD SNOHOMISH MONROE HWY) show excursions beyond the criterion from measurements collected 1998-2002. Snohomish County unpublished data from station FCLU (AT 167TH AVE, SOUTH OF WESTWICK ROAD) show no excursions beyond the criterion from measurements collected 1998-2002.	XZ24XU	9.653	28N	06E	23	Dissolved oxygen	Water
7	7273	5	N	<b>FRENCH CREEK</b> Thornburgh, et al. 1991, 32 excursions beyond the criterion out of 58 samples at RM 1.5 between 8/87 and 11/90.  Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07R050 (French Cr nr Mouth) shows 0 excursions beyond the criterion out of 6 samples collected between 1993 - 2001.	XZ24XU	1.974	28N	06E	29	pH	Water
7	40748	5	N	<b>FRENCH CREEK</b> Snohomish County unpublished data from station FCLD (AT PRIVATE BRIDGE ON DARLINGTON FARM OFF OLD SNOHOMISH MONROE HWY) show 13 excursions beyond the criterion from 54 measurements collected 1998-2002. Snohomish County unpublished data from station FCLU (AT 167TH AVE, SOUTH OF WESTWICK ROAD) show 6 excursions beyond the criterion from 54 measurements collected 1998-2002.	XZ24XU	9.653	28N	06E	23	pH	Water

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				Basis							
7	9273	5	N	FRENCH CREEK	XZ24XU	0	28N	06E	30	Temperature	Water
Snohomish County data (submitted by Kathy Thornburgh on 10/27/97) show that the criterion was exceeded 43% of the days between 5/95 and 9/95 at the pumping station just upstream of the mouth.											
Cusimano (1997) station Snodry12 (French Creek (FRN12)) shows 2 excursions beyond the criterion measured on these dates: 96/08/27, 96/08/28,											
7	10640	5	N	FRENCH CREEK	XZ24XU	1.974	28N	06E	29	Temperature	Water
Unpublished data collected by Snohomish County (submitted by Kathy Thornburgh on 10/27/97) show that the criterion was exceeded 38% of the days between 5/95 and 9/95 about 2 river miles downstream of the Highway 2 bridge.											
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07R050 (French Cr nr Mouth) shows 0 excursions beyond the criterion out of 6 samples collected between 1993 - 2001											
7	6350	5	N	LOMA LAKE	732XDD	31N	04E	35	Total Phosphorus	Water	
Completed Phase I State Clean Lakes Restoration Project in 1986 - Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, fecal coliform bacteria. Entranco Engineers, 1986.											
Sumioka and Dion (1985) show a summer epilimnetic total phosphorus concentration of 39 ug/L from samples collected in 1981 which exceeds the water quality standards nutrient criterion for the Puget Lowlands Ecoregion.											
7	35169	5	N	OLNEY CREEK	HW33LG	0	28N	09E	30	Temperature	Water
Port Blakely Tree Farms unpublished data from station OL22* (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 19.24 degrees C from continuous measurements collected in 2002.											
Port Blakely Tree Farms unpublished data from station OL22* (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 18.74 degrees C from continuous measurements collected in 2001.											
Port Blakely Tree Farms unpublished data from station OL22 (submitted by Blake Murden on 10 Decemeber 2002) shows no excursions beyond the criterion from measurements collected in 2001-2002.											
7	35296	5	N	OLNEY CREEK	NI13PB	7.209	28N	08E	14	Temperature	Water
Port Blakely Tree Farms unpublished data from station OL3 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 16.58 degrees C from continuous measurements collected in 2002. Port Blakely Tree Farms unpublished data from station OL3 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 17.32 degrees C from continuous measurements collected in 2001. Port Blakely Tree Farms unpublished data from station OL3 (submitted by Blake Murden on 10 December 2002) shows a 7-day mean of daily maximum values of 18.09 degrees C from continuous measurements collected in 2000. Port Blakely Tree Farms unpublished data from station OL3 (submitted by Blake Murden on 10 December 2002) shows a 7-day mean of daily maximum values of 16.67 degrees C from continuous measurements collected in 1999.											
Port Blakely Tree Farms unpublished data from station OL3 (submitted by Blake Murden on 10 Decemeber 2002) shows no excursions beyond the criterion from measurements collected in 2001-2002.											

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				Basis								
7	35297	5	N	PEKOLA CREEK	VI93XP	0	28N	09E	19	Temperature		Water
Port Blakely Tree Farms unpublished data from station PE1 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 17.75 degrees C from continuous measurements collected in 2002.												
Port Blakely Tree Farms unpublished data from station PE1 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 17.7 degrees C from continuous measurements collected in 2001.												
Port Blakely Tree Farms unpublished data from station PE1 (submitted by Blake Murden on 10 December 2002) shows a 7-day mean of daily maximum values of 18.42 degrees C from continuous measurements collected in 2000.												
Port Blakely Tree Farms unpublished data from station PE1 (submitted by Blake Murden on 10 December 2002) shows a 7-day mean of daily maximum values of 17.38 degrees C from continuous measurements collected in 1999.												
Port Blakely Tree Farms unpublished data from station PE3 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 13.64 degrees C from continuous measurements collected in 2002.												
Port Blakely Tree Farms unpublished data from station PE3 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 14.73 degrees C from continuous measurements collected in 2001.												
Port Blakely Tree Farms unpublished data from station PE3 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 14.75 degrees C from continuous measurements collected in 2000.												
Port Blakely Tree Farms unpublished data from station PE3 (submitted by Blake Murden on 10 Decemeber 2002) shows a 7-day mean of daily maximum values of 14.41 degrees C from continuous measurements collected in 1999.												
Port Blakely Tree Farms unpublished data from station PE1 (submitted by Blake Murden on 10 Decemeber 2002) shows no excursions beyond the criterion from measurements collected in 2001-2002.												
Port Blakely Tree Farms unpublished data from station PE3 (submitted by Blake Murden on 10 Decemeber 2002) shows no excursions beyond the criterion from measurements collected in 2001-2002.												
7	7294	5	N	PILCHUCK RIVER	NF79WA	12.096	29N	06E	21	pH		Water
Thornburgh, et al. 1991, 10 excursions beyond the criterion out of 58 samples at RM 8.8, between 8/87 and 11/90.												
7	7295	5	Y	PILCHUCK RIVER	NF79WA	14.184	29N	06E	16	Temperature		Water
Sullivan, et al. 1990 , 21 excursions beyond the criterion measured at RM 9.5 during 1988.											Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.	

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				Basis								
7	6569	5	N	<b>SKYKOMISH RIVER</b> Dept. of Ecology unpublished data from core ambient monitoring station 07C070 (Skykomish R. at Monroe) shows a 7-day mean of daily maximum values of 20 for mid-week 12 August 2001.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07C070 (SKYKOMISH RIVER AT MONROE) shows 0 excursions beyond the criterion out of 46 samples collected between 1993 - 2001  Cusimano (1997) station Snodry5 (Skykomish River (SKY05)) shows 0 excursions beyond the criterion out of 2 samples collected between 02/96 - 04/96.	AO37WJ	7.898	27N	07E	06	Temperature		Water
7	3756	5	Y	<b>SNOHOMISH RIVER</b> Thornburgh, et al. 1991. , 26 of 70 single samples exceeding the criterion (wet season geometric mean excursion for 1989) at RM16.5 between 8/87 and 11/90.	JX50OE	20.065	28N	06E	32	Fecal Coliform	Returned to Category 5 from 4A on 02/01/05 because the Snohomish River Tributaries Fecal TMDL does not address mainstem listings. -kk	Water
7	7406	5	Y	<b>SNOHOMISH RIVER</b> Thornburgh, et al. 1991, 39 of 80 single samples exceeding the criterion (wet season geometric mean excursion for 1989) at RM13.0 between 8/87 and 11/90.  Cusimano (1997) station Snodry14 (Snohomish River (SNO14)) shows the geometric mean of 64 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 2 samples collected during 1993.	JX50OE	14.013	28N	06E	18	Fecal Coliform	Returned to Category 5 from 4A on 02/01/05 because the Snohomish River Tributaries Fecal TMDL does not address mainstem listings. -kk	Water

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				Basis								
7	16696	5	N	<b>SNOHOMISH RIVER</b>	<b>JX500E</b>	<b>12.243</b>	<b>28N</b>	<b>05E</b>	<b>13</b>	<b>Fecal Coliform</b>	<b>Water</b>	
Hallock (2004), Dept. of Ecology ambient station 07A090 meets tested standards for fecal coliform.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07A090 (Snohomish R. at Snohomish) shows a geometric mean of 22 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 10 samples collected during 2001.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07A090 (Snohomish R. at Snohomish) shows a geometric mean of 17 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 11 samples collected during 2000.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07A090 (Snohomish R. at Snohomish) shows a geometric mean of 18 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 12 samples collected during 1999.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07A090 (Snohomish R. at Snohomish) shows a geometric mean of 34 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 12 samples collected during 1998.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07A090 (Snohomish R. at Snohomish) shows a geometric mean of 48 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 12 samples collected during 1997.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07A090 (Snohomish R. at Snohomish) shows a geometric mean of 73 does not exceed the criterion and that 20% of the samples exceeds the percentile criterion from 5 samples collected during 1996.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07A090 (Snohomish R. at Snohomish) shows a geometric mean of 62 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 11 samples collected during 1995.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07A090 (Snohomish R. at Snohomish) shows a geometric mean of 45 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 12 samples collected during 1994.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07A090 (Snohomish R. at Snohomish) shows a geometric mean of 66 does not exceed the criterion and that 25% of the samples exceeds the percentile criterion from 12 samples collected during 1993.												
7	6570	5	Y	<b>SNOQUALMIE RIVER</b>	<b>QW73YS</b>	<b>4.626</b>	<b>27N</b>	<b>06E</b>	<b>26</b>	<b>Temperature</b>	<b>Water</b>	
Dept. of Ecology unpublished data from core ambient monitoring station 07D050 (Snoqualmie R. near Monroe) shows a 7-day mean of daily maximum values of 20.7 for mid-week 13 August 2001.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07D050 (SNOQUALMIE RIVER NEAR MONROE) shows 1 excursions beyond the criterion out of 51 samples collected between 1993 - 2001												
7	6571	5	Y	<b>SNOQUALMIE RIVER</b>	<b>QW73YS</b>	<b>65.808</b>	<b>24N</b>	<b>08E</b>	<b>32</b>	<b>Temperature</b>	<b>Water</b>	
Dept. of Ecology unpublished data from core ambient monitoring station 07D130 (Snoqualmie R. at Snoqualmie) shows a 7-day mean of daily maximum values of 19.3 for mid-week 11 August 2001.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 07D130 (SNOQUALMIE RIVER AT SNOQUALMIE) shows 0 excursions beyond the criterion out of 42 samples collected between 1993 - 2001.												

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7	7415	5	Y	<b>SNOQUALMIE RIVER</b> Puget Power, 1991. 8 excursions beyond the criterion out of 14 samples (57%) at Plant 1 Powerhouse Intake during 8/91.	<b>QW73YS</b>	<b>63.338</b>	<b>24N</b>	<b>08E</b>	<b>30</b>	<b>Temperature</b>		<b>Water</b>
	7428	5	Y	<b>SNOQUALMIE RIVER, S.F.</b> South Fork Resources, 1983. , 4 excursions beyond the criterion out of 12 samples at RM 10.0 on 4/8/82, 8/3/82, 9/8/82, and 1/7/83.	<b>UC46QU</b>	<b>14.443</b>	<b>23N</b>	<b>09E</b>	<b>30</b>	<b>pH</b>	Low pH.	<b>Water</b>
	9298	5	N	<b>SWAN TRAIL SLOUGH</b> Cusimano (1997) station Snodry22 (Swan Trail Slough (STS22)) shows 2 excursions beyond the criterion out of 2 samples collected in 1993 and 2 excursions out of 2 samples collected in 1996.	<b>AI14IV</b>	<b>0</b>	<b>28N</b>	<b>05E</b>	<b>03</b>	<b>Ammonia-N</b>		<b>Water</b>
	17494	5	N	<b>SWIFTY (FERGUSON) CREEK</b> Friends of Blackman's Lake unpublished data show excursions beyond the criterion in 1998, 1999, 2000, and 2001 measured at several locations in the segment.	<b>IQ42NC</b>	<b>3.181</b>	<b>28N</b>	<b>06E</b>	<b>06</b>	<b>Dissolved oxygen</b>		<b>Water</b>
	17495	5	N	<b>SWIFTY (FERGUSON) CREEK</b> Friends of Blackman's Lake unpublished data show excursions beyond the criterion in 1998, 1999, 2000, and 2001 measured at several locations in the segment.	<b>IQ42NC</b>	<b>3.181</b>	<b>28N</b>	<b>06E</b>	<b>06</b>	<b>Temperature</b>		<b>Water</b>
1998	7435	5	Y	<b>WALLACE RIVER</b> Washington Department of Fish and Wildlife data show numerous excursions beyond the criterion at the inflow to the Skykomish Hatchery.	<b>OR02JV</b>	<b>0.737</b>	<b>28N</b>	<b>09E</b>	<b>31</b>	<b>Temperature</b>	The water segment is listed as Category 5 based on the assessment.	<b>Water</b>